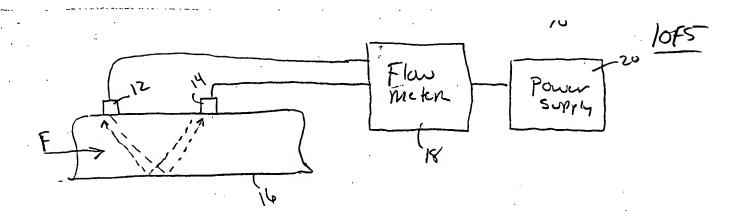
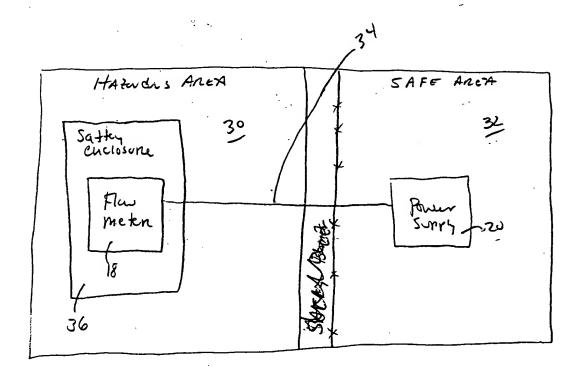
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Attorney: Kirk Teska, Reg. No. 36,291
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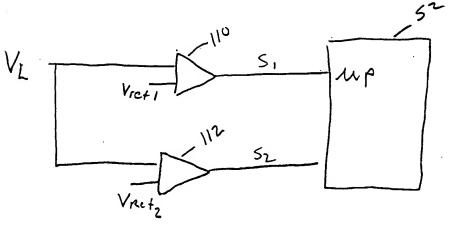
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Title: LOW POWER ULTRASONIC FLOW METER
Docket No.: PAN-214J
Attorney: Kirk Teska, Reg. No. 36,291 Attorney: Page 2 of 5 40,-2 of 5 74 LOAD Contriler 54. Shiller D TRANSMIT 4-20 mA VPS VL Rejulating Cincult Power Reciere 64 Suyyly Display Power managem + Processy 42 TRANS DUCERS 42 of 46 56 70 4-20 mA 100 Power Supply So VPS Switching Load Voltge Porifer Kejolubre CONVERTER ٧c 86 84 77 90 VREF

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Clamp Voltage

Fy 5



F7 6

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4015 High Level Power Low Level Power Management Management Measure Power 140 Interval Draw for Selected Elapsed? Modules 141 Calculate 130 Available System Compare Load Power Voltage to Set **Points** 134 142 Implement Rules 132 Set to Regulate Operation of oad Voltage Power Reduction Modules Set Point 1 Action 1 138 Measure Flow Rate (and other 136 micro tasks) Load Voltage Power Reduction

Set Point 2

N

Action 2

Figure 7

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SLOW Response Time (Sec) FAS 7

ULX818 Power vs. Response Time

BEST AVAILABLE COPY

HIGH

Input Power (mWatts)

No